

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,000,189 B2
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INVENTOR(S) : Rabindranath Dutta, Richard Scott Schwerdtfeger and Lawrence Frank Weiss

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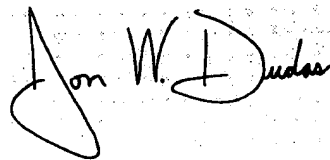
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page:

(73) Assignee: International Business Machines Corporation, Armonk, NY (US)

Signed and Sealed this

Tenth Day of October, 2006

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a distinct "D" at the end.

JON W. DUDAS
Director of the United States Patent and Trademark Office